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Wastewater Heat recovery: HUBER Solutions for Local and Short Loops

On-site recovery of service water and heat from freshly generated wastewater has obvious advantages. This applies to domestic, commercial and industrial wastewater. Freshly generated wastewater is generally warmer than sewage in sewers, which is a blend of wastewater with cool infiltration and storm water.

There are two options:

- We can treat fresh and warm wastewater on-site and reuse it as warm service water. This option has the advantage that both, the water itself and the heat contained therein are recovered;
- We can withdraw heat from warm wastewater through heat exchangers, lift it with a heat pump to a higher temperature level, and reuse it for water heating. This option has the advantage that the recovered heat is provided at a higher temperature.

It depends on the local situation whether one or the other option, or a combination of both, is preferable.

Video



Video: HUBER Solution ThermWin® for Heat Recovery from Sewers
<https://www.youtube.com/watch?v=tmifKb2QhLk>



Video: Waste water heat recovery - reuse of process heat
<https://www.youtube.com/watch?v=JLLsLvEGFH8>

Casos prácticos

- [Recuperación sostenible del calor para un oasis de bienestar](#)
- [Calentado y enfriado con aguas residuales: el Museo de la Historia de Baviera recibirá un sistema ThermWin® de HUBER SE](#)
- [Aprovechamiento del calor de las aguas residuales y reutilización del calor de procesos industriales - Clínica de la Universidad Técnica de Múnich](#)
- [Aprovechamiento del calor perdido de las aguas residuales generadas in situ - Informe práctico utilizando el ejemplo de la residencia de ancianos Hofmatt/Suiza](#)
- [Win - Win con RoWin: Posibilidades variadas para la recuperación del calor](#)
- [Energy from wastewater - the HUBER RoWin Heat Exchanger is becoming increasingly popular](#)
- [Leukerbad in Switzerland uses HUBER Heat Exchanger for heat recovery from thermal spa wastewater](#)
- [Three HUBER projects for wastewater heat recovery in Switzerland](#)
- [First HUBER ThermWin plant for wastewater heat recovery in Switzerland](#)

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